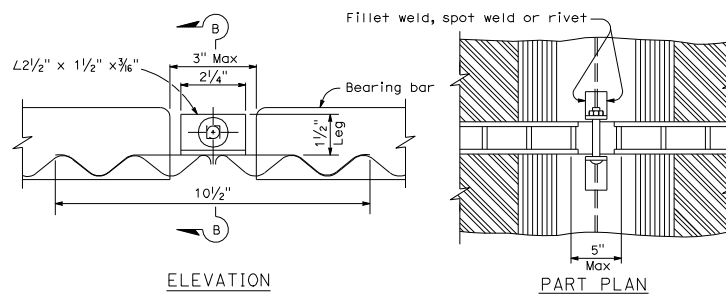


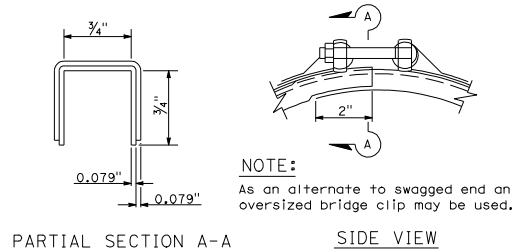
SECTION B-B



ELEVATION

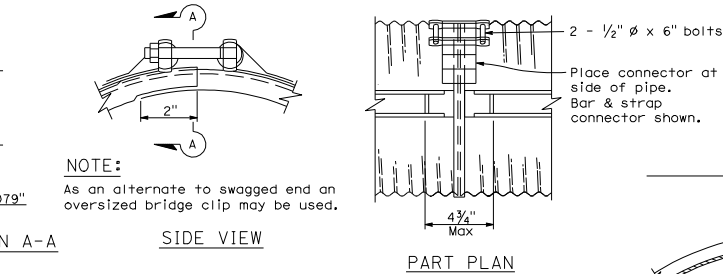
PART PLAN

## MODIFIED HUGGER BAND

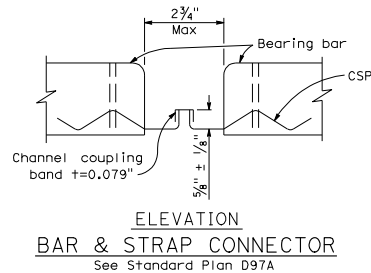
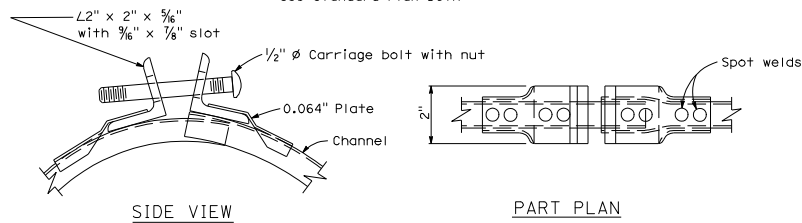


PARTIAL SECTION A-A

SIDE VIEW



PART PLAN

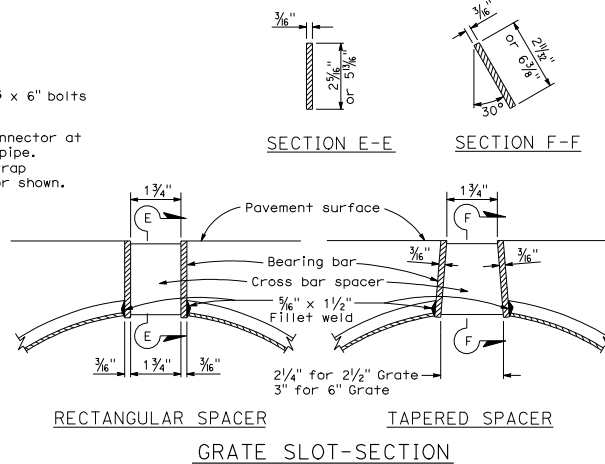
ELEVATION  
BAR & STRAP CONNECTOR  
See Standard Plan D97A

SIDE VIEW

ANGLE CONNECTOR

CHANNEL COUPLING BAND

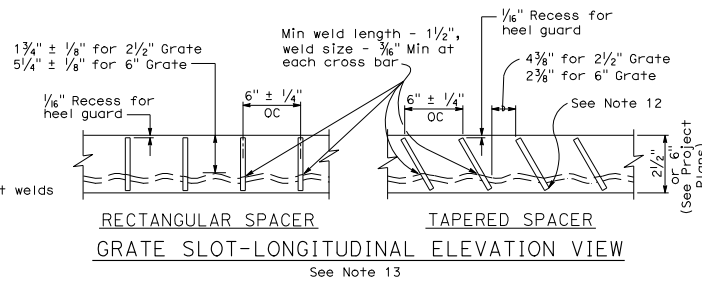
PART PLAN



RECTANGULAR SPACER

TAPERED SPACER

GRATE SLOT-SECTION

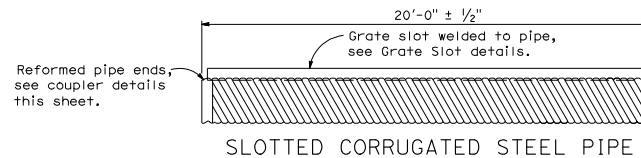


RECTANGULAR SPACER

TAPERED SPACER

GRATE SLOT-LONGITUDINAL ELEVATION VIEW

See Note 13



SLOTTED CORRUGATED STEEL PIPE

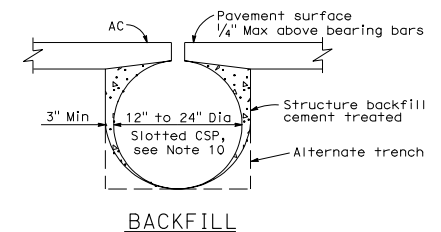
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER  
 May 1, 2006  
 PLANS APPROVAL DATE  
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.  
 To get to the Caltrans web site, go to <http://www.dot.ca.gov>

REGISTERED PROFESSIONAL ENGINEER  
 Glenn DeCou  
 No. C34547  
 Exp. 9-30-07  
 CIVIL  
 STATE OF CALIFORNIA

## NOTES:

1. Drain pipe seams may be continuous helical lock seam or helical weld seam.
2. Drain sections shall be assembled with either of the coupling bands shown.
3. The cross bar spacer shall be welded to the bearing bars in such a manner as to develop a minimum tensile strength of 12,000 LBS normal to the longitudinal axis of the bearing bars.
4. The maximum variance from a straight line between the extreme top corners of the bearing bars shall be 1/2" in 20'-0".
5. All coupling band connections shall be galvanized or coated in accordance with the Standard Specifications.
6. Spot welds shall develop minimum required strength of strap.
7. Dimensions shown are minimums.
8. Contractor to provide an adequate method of keeping the asphalt concrete out of pipe, during paving operations.
9. Minimum pipe wall thickness is 0.064".
10. 24" Diameter will not support normal highway wheel loads.
11. Use heel guard when specified.
12. Bottom edge of cross bar spacer offset in direction of flow.
13. Unless otherwise shown on the plans or specified in the special provisions, cross bar spacers shall be either rectangular or tapered at the contractor's option.



BACKFILL

 STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION

**SLOTTED CORRUGATED STEEL  
PIPE DRAIN DETAILS**

NO SCALE

D98B